

Please type a plus sign (+) inside this box



PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 19496001810

First Inventor

Eisenberg, Stephen, et. al.

Title

SELECTION OF SITES FOR TARGETING BY ZINC FINGER  
PROTEINS AND METHODS OF DESIGNING ZINC FINGER  
PROTEINS TO BIND TO PRESELECTED SITES

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Express Mail Label No.

EL630584412US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning design patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 72]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C.113) [Total Sheets 10]
5. ☒ Oath or Declaration [Total Pages 2]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ Computer Readable Form (CRF) or
    - ii. ☒ paper number of pages 33
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C.  
122(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent
17. ☒ Other: Request to Reference Previously Identical  
Computer Readable Copy (37 CFR 1.821(e))

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 09/ 229,007

Prior application information: Examiner Jeffrey Lundgren

Group Art Unit: 1631

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by  
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

20350

or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Joe Liebeschuetz				
	Townsend and Townsend and Crew LLP				
Address	Two Embarcadero Center				
	8 <sup>th</sup> Floor				
City	San Francisco	State	CA	Zip Code	94111
Country	USA	Telephone	650-326-2400	Fax	650-326-2422

Name (Print/Type)	Joe Liebeschuetz	Registration No. (Attorney/Agent)	37,505
Signature		Date	April 2, 2001

PA 3137121 v1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	Unassigned
Filing Date	April 2, 2001
First Named Inventor	Eisenberg, Stephen , et al.
Examiner Name	Jeffrey Lundgren
Group Art Unit	1631
Attorney Docket No.	19496001810

**TOTAL AMOUNT OF PAYMENT** (\$) 870**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status.  
See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:**

☐ Check ☐ Credit card ☐ Money  
Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

**SUBTOTAL (1)**

(\$)710

**2. EXTRA CLAIM FEES**

Total Claims	12	-20**	=	0	Extra Claims	Fee from below	X	\$9	=	\$0	Fee Paid
Independent Claims	5	-3**	=	2		\$80	X		=	\$160	
Multiple Dependent							X		=		

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$)160

**FEE CALCULATION (continued)**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account

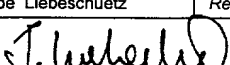
\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$)

\*\*or number previously paid, if greater; For Reissues, see above

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Joe Liebeschuetz	Registration No. (Attorney/Agent)	37,505	Telephone	650-326-2400
Signature				Date	April 2, 2001

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PA 3136856 v1

"Express Mail" Label No. EL630584412US  
Date of Deposit April 2, 2001

PATENT  
Attorney Docket No.: 019496001810

I hereby certify that this is being deposited with the United States Postal  
Service "Express Mail Post Office to Address" service under 37 CFR 1.10  
on the date indicated above and is addressed to:

Assistant Commissioner for Patents  
Washington, D.C. 20231

By:   
Paula Faulk Hurley

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Stephen Eisenberg et al.

Application No.: Unassigned

Filed: Herewith

For: SELECTION OF SITES FOR  
TARGETING BY ZINC FINGER PROTEINS  
AND METHODS OF DESIGNING ZINC  
FINGER PROTEINS TO BIND  
TO PRESELECTED SITES

Examiner: Jeffrey Lundgren

Art Unit: 1631

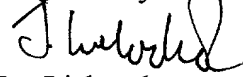
REQUEST TO REFERENCE PREVIOUSLY  
FILED IDENTICAL COMPUTER  
READABLE COPY ACCORDING TO 37  
CFR 1.821(e)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The paper copy of the Sequence listing in the above-referenced application is identical to the computer readable copy of the Sequence listing filed in application no. 09/229,007 filed January 12, 1999. In accordance with 37 CFR 1.821(e), please use the first computer readable form filed in application no. 09/201,430 as the computer readable form for the above-referenced application. It is understood the Patent and Trademark Office will make the necessary change in application number and filing date for the above-referenced application. A paper copy of the Sequence Listing is included in a separately filed preliminary amendment for incorporation into the specification.

Respectfully submitted,

  
Joe Liebeschuetz  
Reg. No. 37,505

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
Tel: (650) 326-2400  
Fax: (650) 326-2422